AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended) A directional coupler using an non-radiative dielectric waveguide, comprising:

upper and lower conductive plates having conductive planes opposite to and substantially parallel to each other and;

a first NRD waveguide and a second NRD waveguide formed between said conductive plates and composed of dielectric having a predetermined permittivity; and

a multiple-hole conductive plate formed between said first NRD waveguide and said second NRD waveguide ~~and having at least one through hole~~,

wherein the electric field component or the magnetic field component in the transmission mode of said NRD waveguides is coupled through said through hole formed in said multiple-hole conductive ~~plates~~plate, and said multiple-hole conductive plate includes two rows of through holes.

Claim 2 (Original) The directional coupler according to claim 1, wherein said first NRD waveguide and said second NRD waveguide are hyper NRD waveguides.

Claim 3 (Original) The directional coupler according to claim 1, wherein said first NRD waveguide and said second NRD waveguide are normal NRD waveguides.

Claim 4 (Original) The directional coupler according to claim 2, wherein said upper and lower conductive plates and said multiple-hole conductive plate are perpendicular to each other.

Claim 5 (Original) The directional coupler according to claim 3, wherein said upper and lower conductive plates and said multiple-hole conductive plate are parallel to each other.

Claim 6 (Original) The directional coupler according to claim 2, wherein said upper and lower conductive plates and said multiple-hole conductive plate are perpendicular to each other.

Claim 7 (Currently Amended) The directional coupler according to ~~claim 3~~claim 2, wherein said upper and lower conductive plates are said multiple-hole conductive plate are parallel to each other.

Claim 8 (Currently Amended) The directional coupler according to claim 1, wherein said through holes ~~of said multiple-hole conductive plate are two rows of~~ are circular holes.

Claim 9 (Original) The directional coupler according to claim 8, wherein the distance between the circular holes in a row is $\lambda g/4$.

Claim 10 (Original) The directional coupler according to claim 1, wherein the signal transmitted through said NRD waveguide is a millimeter wave band.

Claim 11 (Original) The directional coupler according to claim 1, wherein the coupled amount of said directional coupler is 20dB, 10dB, or 3dB.